

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A system comprising:

a plurality of server nodes communicatively coupled on a network to serve applications over the network to a plurality of clients;

a data object to store a hierarchical representation of configuration data associated with the server nodes, the data object having a root and a plurality of nodes branching from the root;

a property sheet ~~data structure~~ logically positioned at one of the nodes of the data object, the property sheet data structure including a plurality of property names, [[,]] wherein each respective property name included in the property sheet data structure is associated with a default ~~parameter configuration~~ value and, optionally, a custom ~~parameter configuration~~ value to pair the default configuration value to the custom configuration value for a configuration parameter represented in the data object; and

~~a user interface to display contents of the property sheet data structure, the user interface to enable a user to change a default parameter value associated with a particular name to a custom parameter value;~~

wherein in response to the user specifying a custom parameter value in place of a default parameter value for a particular name, ~~the name is associated with the custom parameter value but the property sheet data structure still preserves the value of the default parameter.~~

2. (Currently amended) The system as in claim 1 wherein the data object is stored within a central database accessible by each of the server nodes and a first node of the data object contains global configuration data associated with the plurality of server nodes and a second

node of the data object contains configuration data specific to a one of the plurality of server nodes.

3. (Currently amended) The system as in claim 1 wherein, once the selected default configuration value parameter has been modified, the default configuration value parameter is stored independently with respect to the custom configuration values parameters in the property sheet data structure.

4. (Currently amended) The ~~property sheet~~ system of claim 3, wherein the default configuration values parameters associated with the property sheet data structure are modifiable using an interface other than ~~the a~~ user interface.

5. (Currently amended) The ~~property sheet~~ system of claim 1, wherein the property sheet data structure is associated with a particular component or a set of components contained within a clustered system.

6. (Currently amended) The ~~property sheet~~ system of claim 1, wherein the property datasheet is modifiable with a user interface comprising comprises:

a first dialog box to display contents of the property sheet data structure, the first dialog box including a plurality of entry rows, each respective entry row of the first dialog box including a first column to display names of corresponding properties, a second column to display current configuration parameter values associated with corresponding properties and a third column to indicate if a configuration parameter value displayed in the second column is a default configuration value parameter or a custom configuration value parameter; and

a second dialog box including a data entry field to enable a user to modify a selected default or custom parameter value.

7. (Currently amended) The ~~property sheet~~ system of claim 6, wherein a custom ~~parameter configuration value~~ associated with a property is modifiable by selecting the second dialog box of the corresponding property and entering a new ~~parameter value~~ in the data entry field of the second dialog box.

8. (Currently amended) The ~~property sheet~~ system of claim 7, wherein the second dialog box of the corresponding property is selected by clicking a custom check box inside the third column of a corresponding entry row.

9. (Currently amended) The ~~property sheet~~ system of claim 8, wherein the second dialog box further includes a name field to display a name of a corresponding property and a default field to display a default configuration ~~parameter value~~ associated with the corresponding property.

10. (Currently amended) The ~~property sheet~~ system of claim 9, wherein the second dialog box further includes a data type field to display the data type associated with corresponding property.

11. (Currently amended) A method comprising:
storing binaries and configuration data associated with a plurality of server nodes within a data object, the data object to store a hierarchical representation of configuration data associated with the server nodes, the data object having a root and a plurality of nodes branching from the root;

providing one or more property sheets at one or more of the nodes, each of the property sheets including a plurality of configuration parameters associated with the server nodes, each parameter associated with a name, a default ~~parameter configuration~~ value and optionally a

~~custom parameter configuration value pairing the default configuration value to the custom configuration value for a configuration parameter represented in the data object in response to the user specifying a custom parameter value in place of a default parameter value; and~~

~~updating the configuration data of one of the server nodes by upon receiving a parameter update request from a user via a user interface and responsively entering, in the data object, a the custom configuration parameter value stored in the property sheet associated with the updated server node in place of a the default configuration parameter value in a property sheet associated with the server node;~~

~~wherein in response to the user specifying a custom parameter value in place of a default parameter value for a particular name, associating the name with the custom parameter value but preserving the value of the default parameter.~~

12. (Currently amended) The method as in claim 11 further comprising:

storing the data object, configuration data, binaries and property sheets within a central database, the central database accessible by the server nodes and a first node of the data object containing global configuration data associated with the plurality of server nodes and a second node of the data object containing configuration data specific to a one of the plurality of server nodes.

13. (Currently amended) The method of claim 11, wherein updating specifying a custom parameter value in place of a default parameter value in a property sheet, comprises:

opening the property sheet in a property sheet graphical user interface, the graphical user interface comprising a first column for storing parameter names, a second column for storing a current parameter value and a third column for storing an indication as to whether the current parameter value is a custom value or a default value;

selecting the indication in the third column;

responsively generating a data entry window having a custom field for entering a custom value; and

receiving user entry of a custom value in the custom field.

14. (Original) The method as in claim 11 wherein the server nodes are Java server nodes supporting the Java 2 Enterprise Edition ("J2EE") standard and wherein the property sheet parameters comprise J2EE parameters.

15. (Currently amended) A method for updating configuration settings for a plurality of server nodes comprising:

storing binaries and configuration data associated with a plurality of server nodes within a data object, the data object to store a hierarchical representation of configuration data associated with the server nodes, the data object having a root and a plurality of nodes branching from the root;

providing one or more property sheets at one or more of the nodes, each of the property sheets including a plurality of configuration parameters associated with the server nodes, each parameter associated with a name, a default ~~parameter~~ configuration value and optionally a custom ~~parameter~~ configuration value pairing the default configuration value to the custom configuration value for a configuration parameter represented in the data object in response to the user specifying a custom parameter value in place of a default parameter value;

updating the configuration data of one of the server nodes ~~by~~ upon receiving a parameter update request ~~from a user via a user interface~~ and responsively entering, in the data object, a the custom configuration parameter value stored in the property sheet associated with the updated server node in place of a the default configuration parameter value ~~in a property sheet associated with the server node;~~

~~wherein in response to the user specifying a custom parameter value in place of a default parameter value for a particular name, associating the name with the custom parameter value but preserving the value of the default parameter;~~

communicating an indication of the configuration parameter update to one or more other server nodes;

identifying in the data object ~~the associated with~~ the updated configuration parameters ~~within the property sheet~~ and determining if the configuration data stored on the other server nodes is out-of-date based on the location of the updated configuration parameters within the hierarchy; and

downloading the updated configuration data from the central database to the other server nodes if the configuration data stored on the other server nodes is out-of-date.

16. (Previously presented) The method as in claim 15 further comprising:

acquiring a lock on the configuration parameters stored within the property sheet prior to updating the configuration parameters at the first server node.

17. (Previously presented) The method as in claim 16 further comprising:

releasing the lock on the configuration parameters after the configuration data has been updated at the central database and/or at each of the other server nodes.

18. (Currently amended) A system comprising:

server node means communicatively coupled on a network, the server node means to serve applications over the network to a plurality of clients;

hierarchical data object means to store a hierarchical representation of configuration data associated with the server nodes, the hierarchical data object means having a root and a plurality of nodes branching from the root; and

property sheet means logically positioned at one of the nodes of the data object, the property sheet means including a plurality of property names, wherein each respective property name included in the property sheet means is associated with a default parameter configuration value and, optionally, a custom parameter configuration value to pair the default configuration value with the custom configuration value for a configuration parameter represented in the hierarchical data object means; and

user interface means to display contents of the property sheet means, the user interface means to enable a user to change a default parameter value associated with a particular name to a custom parameter value;

wherein in response to the user specifying a custom parameter value in place of a default parameter value for a particular name, the name is associated with the custom parameter value but the property sheet means still preserves the value of the default parameter.

19. (Currently amended) The system as in claim 18 wherein the hierarchical data object means is stored within a central database accessible by each of the server nodes and a first node of the hierarchical data object means contains global configuration data associated with the plurality of server nodes and a second node of the hierarchical data object means contains configuration data specific to a one of the plurality of server nodes. .

20. (Currently amended) The system as in claim 18 wherein, once the ~~selected~~ default parameter configuration value has been modified, the default parameter configuration value is stored independently with respect to the custom parameters in the property sheet means.

21. (Currently amended) The property sheet means of claim 20, wherein the custom parameter configuration values associated with the property sheet means are not user-modifiable via the user interface.

22. (Original) The property sheet system of claim 18, wherein the property sheet means is associated with a particular component or a set of components contained within the server node means.